

**REMARKS**

Claims 1-22 are currently pending in the subject application and are presently under consideration. Claims 1, 8 and 14 have been amended as shown on pages 2-6 of the Reply.

Favorable reconsideration of the subject patent application is respectfully requested in view of the comments and amendments herein.

**I. Rejection of Claims 1, 3, and 7-9 Under 35 U.S.C. §102(e)**

Claims 1, 3, and 7-9 stand rejected under 35 U.S.C. §102(e) as being anticipated by Rogalski *et al.* (US 2004/0141484 A1). Withdrawal of this rejection is requested for at least the following reasons. Rogalski *et al.* fails to disclose or suggest all features recited by the subject claims.

The claimed subject matter provides for integrated voice and data services to a digital cordless device operating over unregulated connectivity sources, via wired wireless access points associated with wired data services. To this end, amended independent claim 1 recites *a system for providing voice and data services over a wired data network and over a regulated wireless network, the system comprising: a first wireless network including at least one wireless access point wired to the wired data network, wherein the wired data network is operative to provide information of at least one subscriber to the voice and data services, the at least one wireless access point being operative to provide wireless access to the wired data network over an unregulated wireless connection; and at least one digital cordless handset for communicating with the at least one wireless access point via the unregulated wireless connection in order to access the voice and data services, and facilitating outgoing and incoming calls to the digital cordless handset through the wired data network, based on a verification of a subscriber and service provider identification, wherein the cordless handset comprises the subscriber identification and the associated service provider identification.*

Independent claim 8 recites *detecting a digital cordless handset in range of a wireless access point over an unregulated wireless connection, wherein the wireless access point is wired to the wired data network, and wherein the wired data network is operative to provide information of at least one subscriber to the voice and data services; and providing for incoming calls to and outgoing calls from the digital cordless handset and through the wired data network, based on a verification of a subscriber and service provider identification, wherein the cordless*

***handset comprises the subscriber identification and the associated service provider identification.*** Rogalski *et al.* is silent regarding such novel features.

Rogalski *et al.* relates to a wireless voice data gateway with telephony and data service functions intended for residential applications. At the cited portions, Rogalski *et al.* discloses the voice data gateway (VDG) connected to both a public switched telephone network (PSTN) and a broadband network, the VDG allows any of the wired or wireless communication terminals to route an outgoing call to a PSTN via the VDG and a broadband line. Access to data services from the broadband service is also provided to the various terminals. Nowhere does Rogalski *et al.* disclose ***wherein the wired data network is operative to provide information of at least one subscriber to the voice and data services.*** In contrast, the claimed invention discloses a first wired data network portion providing a home location register that maintains information about each subscriber to the provided voice and data services. Further at the cited portions, Rogalski *et al.* provides for utilizing the broadband services as a virtual PSTN network. Nowhere does Rogalski *et al.* disclose ***access the voice and data services, and facilitating outgoing and incoming calls to the digital cordless handset through the wired data network, based on a verification of a subscriber and service provider identification, wherein the cordless handset comprises the subscriber identification and the associated service provider identification.*** Rather, all the terminals are allowed to access the data services and make outgoing calls via the VDG. In contrast, the claimed invention provides for verifying a subscriber identification and an associated service provider identification against the subscriber information provided by the wired data network, and based on the verification allowing a subscriber cordless handset to access the data and voice services. Incoming calls are routed to the subscriber cordless handset based on the provided subscriber identification. Thus, Rogalski *et al.* is silent regarding the aforementioned features recited by independent claim 1.

In view of the above, it is clear that Rogalski *et al.*, fails to disclose or suggest all aspects set forth in the subject claims. Accordingly, it is requested that this rejection be withdrawn.

## **II. Rejection of Claim 2 Under 35 U.S.C. §103(a)**

Claim 2 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Rogalski *et al.* in view of Jonsson (US 5,915,224). Withdrawal of this rejection is requested for at least the following reasons. The cited documents, alone or in combination, fail to teach or suggest all

aspects of the subject claims. Claim 2 depends from independent claim 1. As discussed *supra* with respect to independent claim 1, Rogalski *et al.* fails to disclose or suggest all features recited by independent claim 1. Jonsson relates to a multinet communication method for telecommunication in an environment comprising of different telecommunication networks, but fails to compensate for the deficiencies of Rogalski *et al.* with respect to independent claim 1. Accordingly, it is requested that this rejection be withdrawn.

### **III. Rejection of Claims 4-6 Under 35 U.S.C. §103(a)**

Claims 4-6 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Rogalski *et al.* in view of Baek (US 6,081,726). Withdrawal of this rejection is requested for at least the following reasons. The cited documents, alone or in combination, fail to teach or suggest all aspects of the subject claims. Claims 4-6 depend from independent claim 1. As discussed *supra* with respect to independent claim 1, Rogalski *et al.* fails to disclose or suggest all features recited by independent claim 1. Baek provides for a digital cordless system having improved incoming call and handover services, but fails to compensate for the deficiencies of Rogalski *et al.* with respect to independent claim 1. Accordingly, it is requested that this rejection be withdrawn.

### **IV. Rejection of Claims 10-13 and 22 Under 35 U.S.C. §103(a)**

Claims 10-13 and 22 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Rogalski *et al.* in view of Moore, Jr. (US 2003/0039242 A1). Withdrawal of this rejection is requested for at least the following reasons. The cited documents, alone or in combination, fail to teach or suggest all aspects of the subject claims. Claims 10-13 and 22 depend from independent claim 8 that recites similar features as independent claim 1. As discussed *supra* with respect to independent claim 1, Rogalski *et al.* fails to disclose or suggest all features recited by independent claim 1. Moore Jr. relates to a system for accessing mobile and voice over IP telephone networks with a mobile handset, and fails to compensate for the deficiencies of Rogalski *et al.* with respect to independent claim 1. Accordingly, it is requested that this rejection be withdrawn.

**V. Rejection of Claims 14-21 Under 35 U.S.C. §103(a)**

Claims 14-21 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Jones *et al.* (US 6,404,764 B1) in view of Rogalski *et al.* (US 2004/0141484 A1). Withdrawal of this rejection is requested for at least the following reasons. Jones *et al.* and Rogalski *et al.*, alone or in combination, fail to teach or suggest all features recited by the subject claims.

The claimed subject matter provides for integrated voice and data services to a digital cordless device operating over unregulated connectivity sources, via wired wireless access points associated with wired data services. To this end, amended independent claim 14 recites *a broadband residential gateway comprising a first network device for communicating with the wired data network, a second network device for providing a communications link to at least one wired network device over a local wired network, and a wireless access point operative to provide wireless access to the wired data network over an unregulated wireless connection, wherein the wired data network is operative to provide information of at least one subscriber to the voice and data services; and at least one digital cordless handset for communicating with the wireless access point via the unregulated wireless connection in order to provide the voice and data services, based on a verification of a subscriber and service provider identification, wherein the cordless handset comprises the subscriber identification and the associated service provider identification.* Jones *et al.* and Rogalski *et al.* are silent regarding such novel features recited by the subject claims.

Jones *et al.* relates to a voice over internet protocol telephone system that provides a customer home IP telephone system with VoIP functionality via a network premises gateway associated with a broadband internet connection. However, Jones *et al.* is silent regarding *wherein the wired data network is operative to provide information of at least one subscriber to the voice and data services, ...to provide the voice and data services, based on a verification of a subscriber and service provider identification, wherein the cordless handset comprises the subscriber identification and the associated service provider identification* as recited by independent claim 14.

Rogalski *et al.* provides for a voice data gateway (VDG) connected to both a public switched telephone network (PSTN) and a broadband network, the VDG allows any wired or wireless communication terminals to access a PSTN via the VDG. However, as discussed supra

with respect to independent claim 1, Rogalski *et al.* is silent regarding the aforementioned features recited by independent claim 14.

By providing subscriber identification and service provider identification in the digital cordless handset, the system allows different users to access the wired data service via the gateway. The verification process provides for only subscribers to access the wired data service.

In view of the above, it is clear that Jones *et al.* and Rogalski *et al.*, alone or in combination, fail to disclose or suggest all aspects set forth in the subject claims. Accordingly, it is requested that this rejection be withdrawn.

### CONCLUSION

The present application is believed to be in condition for allowance in view of the above comments and amendments. A prompt action to such end is earnestly solicited.

In the event any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-1063 [ATTWP290USA].

Should the Examiner believe a telephone interview would be helpful to expedite favorable prosecution, the Examiner is invited to contact applicants' undersigned representative at the telephone number below.

Respectfully submitted,

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